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SAPC 26572
Copy of 5

17 April 1958

MEMORANDUM FOR: Project Director

SUBJECT: New Seat Pack Specification

1. The attached memorandum, Subject: "New Seat Pack Specifications" is forwarded for your information. In an effort to assist, the following pertinent information is forwarded:

a. Modification time - LAC has indicated the capability of modifying one each FOG type seat pack per day. Project seat pack specifications are not as extensive as those of FOG, therefore, it is assumed that our seat packs will require one day of work and quite possibly 3 each packs per two working days. At this rate, all Project seat packs could be modified in a period approximating 19 to 24 working days.

b. Modification site - All seat packs will need to be returned to [REDACTED]. This effort is already underway for all spare Project seat packs. [REDACTED] in turn, releases the seat packs to LAC where actual modification is accomplished.

d. Expenditures -

Modification of one seat pack - \$ 400.00
Modification of total number of Project - \$8,000.00
seat packs

d. Operational Life - The operational life of the seat packs is unknown. Presently used seat packs have been in constant operational use for a period of two plus years without showing signs of failing. New seat pack operational life is expected to be a minimum of five years.

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2. Safety of Flight - The new seat pack has been engineered by the LAC and subjected to performance tests under normal and emergency flight conditions. In addition, the new seat pack with virtually the same components and component arrangements as required by the Project has been subjected to ground test ejections. Results have indicated adequacy and success in all evaluations.

3. Recommendations:

a. Modify all Project seat packs.

b. Modify as specified in par. 5, Memorandum for the Record, Subject: Personal Equipment Staff Visit to EAFB and Del Rio AFB, dated 13 April 1958. Par. 5 attached.

c. That a minimum of two seat packs accompany the first ejection seat kit consigned to field units. Follow up with one seat pack per ejection seat kit.

d. That [REDACTED] maintain a minimum of two modified seat packs on inventory for field spare purposes.

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[REDACTED]

Director of Operations

RJT:bm

- 1 - Addressee
- 2 - Dep Proj Dir
- 3 - Ops subj
- 4 - Ops chron
- 5 - RI

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